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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : C08F 8/00	A3	(11) International Publication Number: WO 94/03503 (43) International Publication Date: 17 February 1994 (17.02.94)						
<p>(21) International Application Number: PCT/GB93/01472</p> <p>(22) International Filing Date: 14 July 1993 (14.07.93)</p> <p>(30) Priority data:</p> <table border="0"><tr><td>9216156.1</td><td>30 July 1992 (30.07.92)</td><td>GB</td></tr><tr><td>9216157.9</td><td>30 July 1992 (30.07.92)</td><td>GB</td></tr></table> <p>(71) Applicant (for all designated States except US): IMPERIAL CHEMICAL INDUSTRIES PLC [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): BARNES, David, John [GB/GB]; 1 Bowmere Close, Tarporley, Cheshire CW6 0UA (GB). GILDAY, John, Peter [GB/GB]; 48 Priory Road, Linlithgow, West Lothian EH49 6BS (GB).</p>		9216156.1	30 July 1992 (30.07.92)	GB	9216157.9	30 July 1992 (30.07.92)	GB	<p>(74) Agents: THOMAS, Ieuan et al.; ICI Group Patents Services Dept., P.O. Box 6, Shire Park, Bessemer Road, Welwyn Garden City, Hertfordshire AL7 1HD (GB).</p> <p>(81) Designated States: AU, BR, CA, FI, JP, KR, RU, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 31 March 1994 (31.03.94)</p>
9216156.1	30 July 1992 (30.07.92)	GB						
9216157.9	30 July 1992 (30.07.92)	GB						
<p>(54) Title: FLUORINATED POLYMERS</p> <p>(57) Abstract</p> <p>A fluoroorganic polymeric material which comprises a polymeric chain and at least one group pendent from the polymeric chain, in which the group pendent from the polymeric chain comprises at least one ion-exchange group or group convertible thereto, wherein the EW distribution is greater than 1.05, and wherein the ion-exchange group or group convertible thereto is preferably linked to the polymeric chain through an acyclic secondary carbon atom, for use as an ion-exchange membrane in an electrochemical device.</p>								

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INTERNATIONAL SEARCH REPORT

Int. .onal Application No
PCT/GB 93/01472

A. CLASSIFICATION OF SUBJECT MATTER
IPC 5 C08F8/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 5 C08F C08J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US,A,4 209 367 (MAOMI SEKO) 24 June 1980 see the whole document ---	1-21
X	EP,A,0 041 735 (THE DOW CHEMICAL COMPANY) 16 December 1981 see the whole document ---	1-7
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X	US,A,4 508 603 (HIROSHI UKIHASHI) 2 April 1985 see the whole document ---	1-7
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Date of the actual completion of the international search

20 January 1994

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INTERNATIONAL SEARCH REPORT

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